

12 Reconsideration
by
6/6/03

PATENT APPLICATION

**RESPONSE UNDER 37 CFR §1.116
EXPEDITED PROCEDURE
TECHNOLOGY CENTER ART UNIT 2673**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Osamu WADA et al.

RECEIVED

Group Art Unit: 2673

Application No.: 09/601,246

JUN 03 2003

Examiner: R. OSORIO

Filed: July 31, 2000

Technology Center 2600

Docket No.: 106389

For: COLOR DISPLAY DEVICE AND COLOR DISPLAY METHOD

REQUEST FOR RECONSIDERATION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In reply to the Office Action mailed March 4, 2003, reconsideration is requested based on the following remarks.

Claims 1, 3-11, 13 and 14 are pending. Reconsideration in view of the following remarks is respectfully requested.

Applicants appreciate the courtesies extended to Applicants' representative by Examiner Osorio in the January 9 personal interview. Applicants record of the substance of the interview is incorporated into the following remarks.

I. The Claims Define Patentable Subject Matter

The Office Action rejects claims 1, 3-11 and 13-14 under 35 U.S.C. §102(b) as anticipated by U.S. Patent No. 5,959,598 to McKnight. This rejection is respectfully traversed.

Applicants respectfully submit that McKnight does not teach, disclose or suggest an image generation unit that processes the plurality of colored lights, so as to generate an image corresponding to each of the plurality of colored lights generated in a time sequence with the predetermined frequency being equal to or greater than 250Hz, as claimed in claim 1 and similarly claimed in claim 11.

The Examiner asserts on page 2, paragraph 2 of the Office Action that McKnight teaches a predetermined frequency being at least 180Hz and reaching 300Hz or higher display rates. Applicants respectfully disagree with the Examiner's assertion.

McKnight merely teaches that the frame rate begins at 180Hz for a pattern of RGBRGB... (column 18, lines 16-22) and 6 analog subframes could be used (instead of 3) within the 1/60 second time period (column 18, lines 38-39).

Accordingly, when six analog subframes RGBRGB are used, the color repetition frequency is 120Hz. When 9 analog subframes RGBRGBRGB are used, the color repetition frequency is 180Hz. Finally, when 12 analog subframes RGBRGBRGBRGB are used, the color repetition frequency is 240Hz. Accordingly, McKnight does not disclose that the color repetition frequency is 250Hz or more.

Additionally, McKnight solves color breakup by the moving images (column 18, lines 52-65) and does not teach, disclose or even suggest the problem of color breakup by a saccade eye movement that the present invention solves. Accordingly, the present invention provides the advantage of at least reducing the problem of color breakup caused by high speed eye movement. High speed eye movement is typically characterized by the speed of 300 degree/second or more, and is referred to as saccade eye movement. Further, making the frequency high necessarily requires a more complicated drive circuit. Thus, a person skilled in the art cannot make the color repetition frequency 250Hz or more.

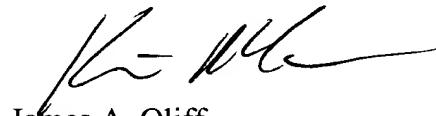
For at least the reasons discussed above, there is no motivation to modify the teaching of McKnight to have the claimed frequency. That is, there is no advantage, and the Office Action has not asserted one, that would be obtained by modifying McKnight to have a predetermined frequency of 250Hz or more.

In view of foregoing remarks, Applicants respectfully submit that claims 1, 3-11, 13 and 14 define patentable subject matter and the application is in condition for allowance. Favorable reconsideration is respectfully solicited.

II. Conclusion

Should the Examiner believe that anything further is desirable to place the application in even better condition for allowance, the Examiner is invited to contact Applicants' undersigned attorney at the telephone number listed below.

Respectfully submitted,



James A. Oliff
Registration No. 27,075

Kevin M. McKinley
Registration No. 43,794

JAO:KMM/jfl

Date: June 3, 2003

OLIFF & BERRIDGE, PLC
P.O. Box 19928
Alexandria, Virginia 22320
Telephone: (703) 836-6400

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